

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB98697

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP68835
Calibration Std. hexchrome 0.05 ppm	WP68834
5N sulfuric acid	WP65054
Calibratation STD HexaChrome 1 PPM	WP68837
Calibratation STD Hexa Chrome 0.5 PPM	WP68836
calibration std. hexchrome 0.01 ppm	WP68832
calibration std. hexchrome 0 ppm	WP68831
Hexavalent Chromium ICV Std.	WP68838
Hexavalent Chromium CCV Std	WP68839
hexavalent chromium color reagent	WP68747
HNO3 Hex-Chrome, 5M	WP65055
Calibration std Hexachrome, 0.025ppm	WP68833

Intercept: 0.0001

Slope: 0.7699

Regression: 0.999974

Seq	Lab ID	True Value (mg/l)	DF	Initial Vol (ml/gm)	Final Vol (ml)	pH HN03	pH H2SO4	Absorb. at 540		Absorbance Difference	Anal Date	Anal Time
								Backgrnd	Color			
1	CAL1	0	1	100	100		1.55	0.000	0.000	0.000	10/18/2018	12:00
2	CAL2	0.01	1	100	100		2.46	0.000	0.007	0.007	10/18/2018	12:00
3	CAL3	0.025	1	100	100		2.31	0.000	0.017	0.017	10/18/2018	12:01
4	CAL4	0.05	1	100	100		1.90	0.000	0.039	0.039	10/18/2018	12:01
5	CAL5	0.1	1	100	100		1.77	0.000	0.078	0.078	10/18/2018	12:02
6	CAL6	0.5	1	100	100		2.19	0.000	0.389	0.389	10/18/2018	12:02
7	CAL7	1	1	100	100		2.46	0.000	0.768	0.768	10/18/2018	12:03



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Seq	Lab ID	True Value (mg/l)	DF	Initial Vol (ml/gm)	Final Vol (ml)	pH HN03	pH H2SO4	Absorb. at 540		Absorbance Difference	Result	Anal Date	Anal Time
								Backgrnd	Color				
1	ICV	0.5	1	100	100		1.78	0.000	0.390	0.390	0.506	10/18/2018	12:03
2	ICB		1	100	100		2.03	0.000	0.000	0.000	0.000	10/18/2018	12:04
3	CCV1	0.5	1	100	100		2.41	0.000	0.390	0.390	0.506	10/18/2018	12:04
4	CCB1		1	100	100		1.96	0.000	0.000	0.000	0.000	10/18/2018	12:05
5	PB113976BL		1	2.50	100	7.15	1.67	0.000	0.000	0.000	0.000	10/18/2018	12:05
6	PB113976BS	20	1	2.51	100	7.69	2.17	0.000	0.377	0.377	0.490	10/18/2018	12:06
7	J5200-09		1	2.54	100	7.88	2.40	0.016	0.016	0.000	0.000	10/18/2018	12:06
8	J5200-11		1	2.55	100	7.46	1.63	0.019	0.019	0.000	0.000	10/18/2018	12:07
9	J5202-01		1	2.51	100	7.10	1.89	0.011	0.011	0.000	0.000	10/18/2018	12:07
10	J5202-03		1	2.51	100	7.33	2.34	0.006	0.006	0.000	0.000	10/18/2018	12:08
11	J5202-03DUP		1	2.53	100	7.45	2.18	0.005	0.005	0.000	0.000	10/18/2018	12:08
12	J5202-03MSPre	40	2	2.55	100	7.92	1.93	0.009	0.369	0.360	0.467	10/18/2018	12:09
13	J5202-03MS2Ins	1284	40	2.55	100	7.11	1.85	0.005	0.619	0.614	0.797	10/18/2018	12:09
14	J5202-03MS3Post	40	2	2.55	100	7.32	2.17	0.011	0.374	0.363	0.471	10/18/2018	12:10
15	CCV2	0.5	1	100	100		2.16	0.000	0.391	0.391	0.508	10/18/2018	12:10
16	CCB2		1	100	100		2.31	0.000	0.000	0.000	0.000	10/18/2018	12:11
17	J5202-05		1	2.50	100	7.46	1.70	0.008	0.008	0.000	0.000	10/18/2018	12:11
18	J5204-05		1	2.51	100	7.25	1.85	0.019	0.019	0.000	0.000	10/18/2018	12:12
19	J5204-07		1	2.52	100	7.19	2.16	0.016	0.016	0.000	0.000	10/18/2018	12:12
20	J5518-01		1	2.53	100	7.52	2.21	0.058	0.058	0.000	0.000	10/18/2018	12:13
21	J5518-02		1	2.54	100	7.88	1.65	0.050	0.050	0.000	0.000	10/18/2018	12:13
22	J5518-03		1	2.55	100	7.10	2.22	0.025	0.025	0.000	0.000	10/18/2018	12:14
23	J5536-01		1	2.52	100	7.50	2.36	0.014	0.014	0.000	0.000	10/18/2018	12:14
24	CCV3	0.5	1	100	100		1.88	0.000	0.391	0.391	0.508	10/18/2018	12:15
25	CCB3		1	100	100		1.93	0.000	0.000	0.000	0.000	10/18/2018	12:15